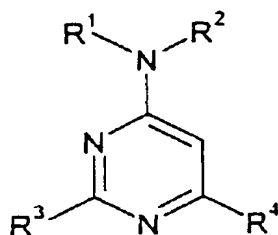


## Abstract

5 Substituted 4-amino-2-arylpyrimidines, their production and use and pharmaceutical preparations comprising same

The invention relates to compounds of formula I,



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in which  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  have the meanings given in the claims. Said compounds are valuable active ingredients for the treatment and prophylaxis of diseases, for example of cardiovascular diseases such as hypertension, angina pectoris, heart failure, thrombosis or atherosclerosis.

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The compounds of the formula I are able to modulate the body's production of cyclic guanosine monophosphate (cGMP) and are generally suitable for the treatment and prophylaxis of disorders associated with impaired cGMP balance. The invention furthermore relates to methods for producing compounds of the formula I, their use in the treatment and prophylaxis of the above diseases and in the preparation of medicaments for such diseases, and pharmaceutical preparations containing the compounds of formula I.

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